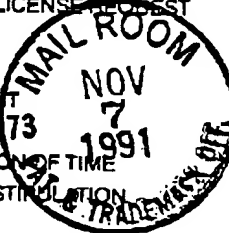


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INVENTOR Copeman et al  
CASE No. CRF-10890  
SERIAL No. 071621988  
FILED: 12-4-90  
ATTORNEY RDK

The Patent and Trademark Office acknowledges, and has stamped hereon the date of receipt of the items checked below:

- ☐ AFFIDAVIT  
☐ AMENDMENT ☐ APPEAL NOTICE  
☐ APPLICATION PAPERS - OATH/DECLARATION  
☐ TOTAL CLS. \_\_\_\_\_ FEE \$ \_\_\_\_\_  
☐ SHEETS OF DRAWING \_\_\_\_\_  
☐ ASSIGNMENT ☐ BRIEF  
☐ CERTIFICATE OF CORRECTION  
☐ CLAIM OF PRIORITY AND CERTIFIED COPIES  
☐ DECLARATION  
☐ ISSUE FEE  
☐ LETTER - CHARGE DEPOSIT ACCOUNT  
☐ LETTER ☐ LICENSE REQUEST  
☐ MOTION  
☒ PETITION  
☐ PRELIMINARY STATEMENT  
☐ PRIOR ART STATEMENT  
☐ REQUEST FOR EXTENSION OF TIME  
☐ RESPONSE ☐ STIPULATION  
☐ SWORN TRANSLATIONS  
☒ Exhibit R, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ  
☒ Exhibit R, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ



428

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hermann Oppermann, et al.

Serial No.: 07/621,988

Examiner: Nutter

Filed: December 4, 1990

Group Art Unit: 155

For: OSTEOGENIC DEVICES

Docket No.: CRP001CP2DV

## CERTIFICATE OF MAILING

Honorable Commissioner of Patents  
and Trademarks  
Refund Section of Accounting Division  
Office of Finance  
Washington, DC 20231

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as First  
Class Mail in an envelope addressed to Honorable  
Commissioner of Patents and Trademarks, Washington  
D.C. 20231 on 11-5-91

Dear Sir:

Susan Dellandrea  
Signature

11-5-91  
Date

Applicants respectfully request a refund of all charges to Deposit Account 12-0080 in connection with the above-referenced application. Specifically, Applicants respectfully request reimbursement of the \$1,200.00 charge of January 4, 1991 (account code 101; Invoice #11004); and the \$720.00 (account code 102) and \$460.00 (account code 103) charges of July 19, 1991 (Invoice #20122). The reasons for this request are outlined below.

On December 4, 1990, Applicants filed the divisional application referenced above. A copy of the filing documents is attached as Exhibit A. As filed, the application contained all the claims originally filed in the parent application, USSN 315,342, see Exhibit B, attached. Through an inadvertent clerical error, Applicants initially neglected to delete those claims which

424

- 2 -

had been prosecuted to allowance in the parent application (claims 1-20, 58-70), although these claims clearly would not be reprosecuted in a divisional application (MPEP §201.6). Applicants also filed a Preliminary Amendment concurrently with the application, which increased the number of independent claims in the application (see Exhibit C, attached.) A check in the amount of \$1,991.00 was filed with the application as payment for filing fees due. This check reflected the deletion of the claims prosecuted in the parent application (claims 1-20, 58-70) as well as the claims added by amendment (60 total claims, 14 independent claims).

Applicants subsequently identified their inadvertent clerical error, e.g., failure to delete the claims prosecuted in the parent application (claims 1-20, 58-70) and on January 7, 1991, Applicants filed a second Preliminary Amendment specifically deleting these claims (see Exhibit D, attached.) Upon recalculation of the claims with the January 7, 1991 Amendment, Applicants further identified a calculation error of \$100.00. Accordingly, a second check in the amount of \$100.00 was enclosed. Applicants now have submitted two checks totalling \$2,090.00 for fees due in this application which are sufficient for a total of 60 claims, and 14 independent claims filed under large entity status.

On January 4, 1991 Applicant's Attorneys' deposit account (12-0080 at that time) was debited \$1,200.00 for additional basic filing fees due on the above-referenced application. Two additional charges for filing fees associated with this application subsequently appeared on the account on July 19, 1991: \$720.00 under account code 102, (independent claims in excess of three) and \$460.00 under account code 103, (claims in excess of twenty). Applicants respectfully submit that all these additional charges are in error and are inappropriate.

423

- 3 -

Through an inadvertent clerical error, claims prosecuted to allowance in a parent application were not originally deleted from the divisional application when it was filed. However, as soon as the error was identified it was corrected. Deletion of these claims with the January 7, 1991 Amendment was not a "mere change of purpose" as defined in 37 CFR §1.26 (MPEP 509). These claims had been prosecuted to allowance in the parent case and the filing of the divisional application clearly indicated that these claims were not to be reprosecuted. The MPEP clearly states under Section 201.06 that a divisional application is filed for a distinct invention that has been restricted from the parent application. Applicants respectfully submit that the error was a clerical one and did not result from a change in purpose as defined in the statute and that they are entitled to a refund of excess fees paid by actual mistake.

It also should be noted that Applicants fail to correlate the value of the charges debited to the account to any combination of claims filed in this application. Specifically, the additional charge of \$1,200 on January 4, 1991 does not appear to correspond to any combination of claims, nor do the additional July 19, 1991 charges of \$720.00 and \$460.00. The calculation of these charges therefore appear to be in error.

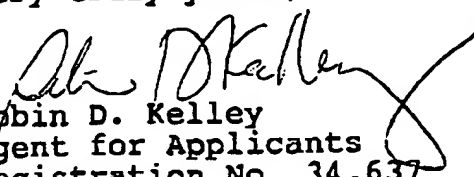
Applicants respectfully submit that they submitted sufficient funds for the necessary fees in a timely fashion and that the charges to Attorney Deposit Account 12-0080 of \$1,200.00, \$720.00, and \$460.00 are in error. Accordingly, Applicants respectfully request that these charges be refunded to Attorney Account No. 12-00820 expeditiously.

4916

- 4 -

The Office of Finance is invited to call the undersigned Agent at the telephone number indicated below to expedite this matter and/or if additional information or further discussion would be beneficial.

Very truly yours,

  
Robin D. Kelley  
Agent for Applicants  
Registration No. 34,637

Testa, Hurwitz & Thibeault  
Exchange Place  
53 State Street  
Boston, MA 02109  
617/248-7477

299RDK7557/2.AA7

429

Oppermann, et al.  
 USSN 621,988  
 Filed 12/4/90

EXHIBIT A

REFUND

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. CRP-001CP2DVAnticipated Classification of  
this application:

Class \_\_\_\_\_ Subclass \_\_\_\_\_

Prior application:

Examiner N. NutterArt Unit 153

The Commissioner of Patents and Trademarks  
 Washington, D.C. 20231

FILING UNDER 37 CFR 1.60

Sir:

This is a request for filing a continuation X divisional  
 application under 37 CFR 1.60 of pending prior application  
 Serial No. 315,342 filed on February 23, 1989  
 of Hermann Oppermann, Thangavel Kuberasingam, David C. Rueger  
(inventor currently of record in prior application)  
 for Osteogenic Devices  
(title of invention)

1. X Enclosed is a copy of the prior application.
2.        A verification of small entity status is enclosed  
 (required even if statement was filed in prior  
 application).
3. X The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION,  
 LESS ANY CLAIMS CANCELLED BY AMENDMENT BELOW

For	Number filed	Number extra	Rate	Basic fee
				\$ 630
Total claims	51 - 22 =	29	x 70 \$ 580	= 580
Independent claims	16 - 3 =	13	x 60 \$ 780	= 780
				\$1,990.00

Total calculation

Small entity reduction  
 (50% of above, if applicable)

TOTAL FILING FEE

\$1,990.00

429

4. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_.
5. ☒ A check in the amount of \$ 1,990.00 is enclosed. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayments to Deposit Account No. 12-0080.
6. ☐ Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
7. ☒ Amend the specification by inserting before the first line the sentence: --This is a continuation ☒ division, of application Serial No. 315,342, filed February 23, 1989 ---.
8. ☐ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by person authorized by \$1.138 and before payment of base issue fee.)
- 8a. ☒ New formal drawings are enclosed.
- 8b. ☐ Informal drawings are enclosed.
9. ☐ Priority of application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ (country) is claimed under 35 U.S.C. 119.
- ☐ The certified copy has been filed in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
10. ☒ The prior application is assigned of record to Stryker Corporation.
11. ☐ The power of attorney in the prior application is to Edmund R. Pitcher, Esq., Reg. No. 27,829, Lahive & Cockfield, 60 State Street, Boston, MA 02109 (name, registration number, and address)
- a. ☒ The power appears in the original papers in the prior application.
- b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- c. ☒ Address all future communications to  
Edmund R. Pitcher, Esq.  
Lahive & Cockfield  
60 State Street, Boston, MA 02109  
(May only be completed by applicant or attorney or agent of record.)
12. ☐ A petition, fee and response has been filed to extend the time in the pending prior application until \_\_\_\_\_ (must be completed and papers filed if the period set in the prior application has run out).

431

13.          A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
14.     X     I hereby verify that the attached papers are a true copy of prior application Serial No. 315,342 as originally filed on February 23, 1989 including the oath or declaration and drawings.
15.          Also enclosed is:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


December 4, 1990  
Date

Address of signator:

Lahive & Cockfield

60 State Street

Boston, MA 02109

  
Signature

         Inventor (s)

         Assignee of complete interest

    X     Attorney or agent of record

         filed under §1.34(a)



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